



Volvo Trucks North America, Inc.

October 16, 2000

CERTIFIED MAIL - RETURN RECEIPT

Associate Administrator for Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, DC 20590

00V-246.306

The following information is submitted in accordance with the requirements of 49 CFR Part 573.5 as it applies to a defect relating to motor vehicle safety.

573.5(c)(1)
Volvo Trucks North America, Inc.
P.O. Box 26115
Greensboro, NC 27402-6115

573.5(c)(2)
Volvo ACL, WG, and WX model, heavy duty class 8 vehicles assembled by Volvo Trucks North America, Inc. between July 5, 1999 and November 16, 1999, with a TRW hydraulic steering assist cylinder.

The vehicles affected by this notification were selected by using the part number of the steering assist cylinders, which were supplied, to Volvo Trucks North America, by TRW Automotive.

TRW Automotive
Commercial Steering Systems
800 Heath Street
Lafayette, IN 47904 Telephone: (765) 423-5377

573.5(c)(3)
Seven hundred, and thirty (730) vehicles potentially contain the suspect defect.

573.5(c)(4)
Percentage of vehicles expected to contain the suspect defect is unknown.

VOLVO

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573.5(c)(5)

The hydraulic steering assist cylinder may contain a TRW 20-EDL model ball-socket assembly that may separate due to premature wear .

573.5(c)(6)

9-26-00

Volvo Trucks North America, Inc. received notification from TRW Automotive that they were recalling certain hydraulic steering assist cylinders because the ball-socket assembly may fail. See attached Exhibit "A".

10-10-00

Volvo Trucks North America, Inc. decided that some of its vehicles were built with a TRW steering assist cylinder, which could contain a suspect ball-socket assembly, and will facilitate the recall for TRW Automotive.

573.5(c)(7)

Not applicable

573.5(c)(8)

Volvo Trucks North America, Inc. will initiate a voluntary owner notification, and recall of all vehicles built with the suspect hydraulic steering assist cylinder. The recall repair will consist of replacing the suspect ball-socket assembly on the assist cylinder.

The number, which has been assigned to this recall by Volvo Trucks North America, Inc., is RVXX0004.

The recall is tentatively scheduled to commence within 35 working days of this notification.

Very Truly Yours



Charles D. Powell
Recall Administrator

EXHIBIT A

Commercial Steering Systems
PO Box 60, 47902-0060
800 Heath Street
Lafayette, IN 47904
Tel 765.423.5377
Fax 765.423.1868



September 5, 2000

Sent via facsimile and express mail

LEGAL DEPT.

SEP 26 2000

Chuck Powell
Volvo Trucks North America Inc.
P.O. Box 2613
Greensboro, NC 27455

Re: Certain TRW 20-EDL Model Ball-sockets Manufactured from July 5, 1999
Through October 3, 1999. NHTSA Campaign ID Number: 00E-047

Dear Chuck:

TRW Commercial Steering Systems (TRW) has determined that a potential defect exists which relates to motor vehicle safety in certain TRW 20-EDL model ball-socket assemblies manufactured from July 5, 1999 through October 3, 1999. Shipments to TRW customers began July 5, 1999 and ran through October 18, 1999.

The TRW 20-EDL model ball-socket assemblies may separate due to premature wear in some applications. If the TRW 20-EDL model ball-socket assembly were to separate, there could be a loss of vehicle steering control in some applications.

TRW recommends that the suspect TRW 20-EDL ball-socket assemblies be replaced in some applications. TRW can provide assistance in making this determination. Affected vehicles should be repaired as soon as feasible. The repairs should be completed by a Volvo Trucks North America, Inc. authorized repair facility.

Identification of Affected Parts.

This notice relates to TRW 20-EDL model ball-socket assemblies manufactured by TRW during the period from July 5, 1999 through October 3, 1999. The suspect TRW 20-EDL model ball-socket assemblies have TRW manufacturing date codes of 9G1, 9G2, 9G3, 9G4, 9H1, 9H2, 9H3, 9H4, 9H5, 9J1, 9J2, 9J3, and 9J4. Exhibit A contains a list of the TRW parts sold to Volvo Trucks North America, Inc. that may contain the suspect TRW 20-EDL model ball-socket assemblies.



Replacement Parts

The remedy for the suspect TRW 20-EDL model ball-socket assemblies will be to replace them with the appropriate size TRW DL ball-socket assemblies.

Volvo Trucks North America, Inc. may purchase replacement 20-DL and 24-DL ball-socket assemblies and 20-DL drag links directly from TRW. TRW 20-DL and 24-DL ball-socket assemblies for tie rods will be available as service kits. The service kits for tie-rods will contain two TRW DL ball-socket assemblies and a service bulletin. Replacement TRW DL ball-socket assemblies, service kits, and drag links will be available after October 09, 2000.

TRW will ship replacement service kits and drag links directly to locations that Volvo Trucks North America, Inc. specifies.

Labor and Handling Allowance

TRW will allow up to one and one-tenth (1.1) hours labor for each tie-rod service kit installed (two tie-rod ends) and toe-in adjustment made by a Volvo Trucks North America, Inc. authorized dealer or fleet at the dealer or fleets normal hourly rate. Time allowance for a drag link replacement is seven-tenths (0.7) hours. Handling charges should not exceed 30% of the dealer's net cost of parts.

Removed Material Disposition

To obtain reimbursement for cost of parts, labor, handling, and expenses associated with installing the service kits, the dealers should follow existing procedures for standard warranty. TRW requires the dealers or fleets to destroy the replaced parts by grinding the stem threads, on tie rod ends, or ball stud threads, on drag links, to the point where the ball-socket assembly can no longer be used. The removed tie-rod ends should then be scrapped. The dealer or fleet should complete the instructions included with the service bulletin and then file a warranty claim.

Claims for Credit

Warranty claims for installing the service kits and drag links associated with this notice should contain the following information:

- Reference to NHTSA Campaign ID Number 00E-047 or Freightliner's campaign number.
- 17-digit vehicle identification number (VIN).
- Vehicle owner's name, address, and telephone number.
- Vehicle in-service date.
- Vehicle repair date.
- Vehicle mileage at the time of repair.
- Repairing facility name, address, dealer code, and telephone number.
- Total labor hours required performing the work, not to exceed 1.1 hours.
- Repair facilities hourly labor rate.
- Part number of replacement parts.

Note: Failure to provide complete information may delay processing of the warranty claim.

Questions and Request for Literature

TRW has prepared three service bulletins to assist dealers and fleets with replacing suspect TRW 20-EDL ball-socket assemblies. Service Bulletin number LNK-112 is for replacing both tie rod ends on one tie rod. Service Bulletin number LNK-114 is for replacing service sockets. Service Bulletin number LNK-113 is for replacing drag links. Any questions or requests for TRW Service Bulletins should be directed to

Mike Davis
TRW Commercial Steering Systems
P.O. Box 60
Lafayette, IN 47902
765.429.1715

TRW will have a toll free telephone number available 7:00 AM to 7:00 PM EST Monday through Friday starting September 8, 2000 to assist dealers and fleets with questions regarding this field action. The number will be 866-280-3287.

Please call me if you would like to discuss any provisions of this letter.

We regret any inconvenience that this situation may cause. TRW wants to assure Volvo Trucks North America, Inc. that TRW is concerned for customer safety and your continued satisfaction with our products.

Sincerely,


Larry LaFleur
Director Operations

Attachment: List of Part Numbers

20 EDL Suspect Shipments to Volvo Trucks North America Production

Ship to Location	Volvo Part	TRW Part	Quantity	Date of Shipment
Dublin	3082388	L20SV8288A11	1	8/4/99
Dublin	3082387	L20SV8272A12	50	7/17/99
Dublin	3082387	L20SV8272A13	98	7/22/99
Dublin	3082387	L20SV8272A14	89	8/3/99
Dublin	3082387	L20SV8272A15	67	8/6/99
Dublin	3082387	L20SV8272A16	10	8/24/99
Dublin	3082387	L20SV8272A17	25	8/25/99
Dublin	3082387	L20SV8272A18	75	8/25/99
Dublin	3082387	L20SV8272A19	78	9/16/99
Dublin	3082387	L20SV8272A20	70	9/24/99
Dublin	3082387	L20SV8272A21	38	10/15/99
Dublin	3082387	L20SV8272A22	32	10/18/99

Product assembled to TRW power assist cylinders 3082392 (C3251711375) or 38923-3601 (C4455410800)
 Volvo models WX, WXLL, ACL84D, or ACLFF

20 EDL Suspect Shipments to Volvo Trucks North America Service

Ship to Location	Volvo Part	TRW Part	Quantity	Date of Shipment
Lewis Center	G12549191	L20SV8001D14	8	8/18/99
Lewis Center	G2037142	L20SV8104G12	69	7/7/99
Lewis Center	G2037142	L20SV8104G12	69	9/8/99
Lewis Center	G2037140	L20SV8105H12	65	7/7/99
Lewis Center	G2037140	L20SV8105H12	34	9/9/99
Lewis Center	G2037140	L20SV8105H12	18	9/13/99
Lewis Center	3945983	L20SV8122A12	8	9/21/99
Lewis Center	3948856	L20SV8228A11	2	7/22/99
Lewis Center	3948856	L20SV8228A11	1	9/2/99
Lewis Center	3948856	L20SV8228A11	1	10/14/99
Lewis Center	3948854	L20SV8232A11	4	8/6/99
Lewis Center	3948854	L20SV8232A11	5	9/22/99
Lewis Center	3948854	L20SV8232A11	5	9/27/99
Lewis Center	G3682946	L20SV8238A12	100	10/5/99
Lewis Center	3082388	L20SV8268A11	61	8/4/99
Lewis Center	3082388	L20SV8268A11	130	8/30/99
Lewis Center	3082388	L20SV8268A11	53	10/18/99
Lewis Center	3082388	L20SV8270A12	79	8/6/99
Lewis Center	3082388	L20SV8270A12	151	9/3/99
Lewis Center	3082387	L20SV8272A12	57	8/3/99
Lewis Center	3082387	L20SV8272A12	25	8/25/99
Lewis Center	3082387	L20SV8272A12	30	9/24/99
Lewis Center	3082387	L20SV8272A12	66	10/18/99
Lewis Center	3082389	L20SV8282A11	40	8/3/99
Lewis Center	3082389	L20SV8282A11	28	8/20/99
Lewis Center	3082389	L20SV8282A11	72	9/28/99
Lewis Center	3082389	L20SV8282A11	56	10/4/99
Lewis Center	1024352	L20VT8146A11	10	9/22/99
Lewis Center	176725	L20VT8198A11	4	7/13/99
Lewis Center	176725	L20VT8198A11	2	7/22/99
Lewis Center	176725	L20VT8198A11	6	10/12/99
Lewis Center	3915384	L20VT8202A11	1	10/12/99